

Fig. 1

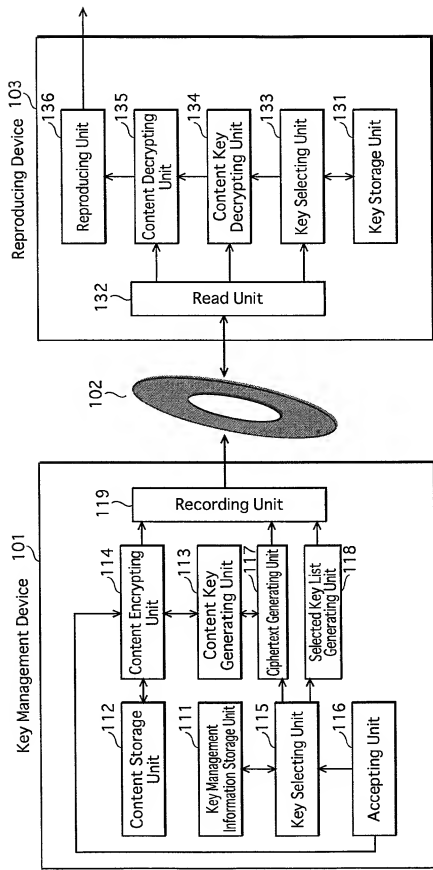


Fig.2

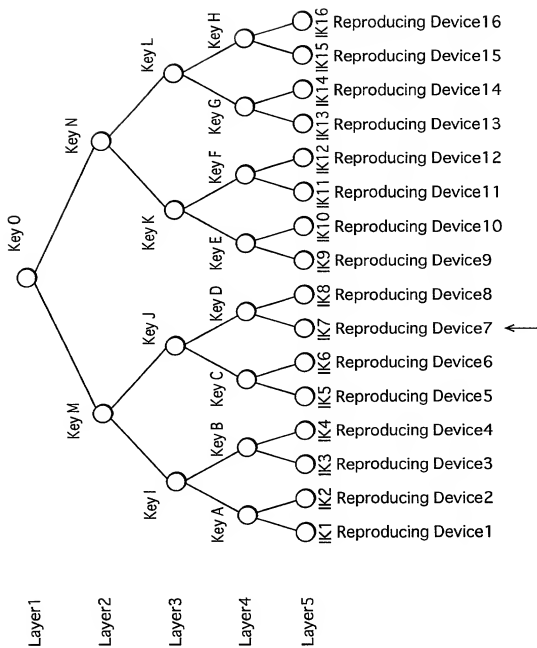


FIG.3

Key Management Information 301

302 Key ID	303 Key Data	304 Parent Key ID	305 Key State
Key O	.....	11...11	1
Key M	.....	Key O	0
Key N	.....	Key O	0
Key I	.....	Key M	0
Key J	.....	Key M	0
Key K	.....	Key N	0
⋮	⋮	⋮	⋮
Key A	.....	Key I	0
Key B	.....	Key I	0
Key C	.....	Key J	0
Key D	.....	Key J	0
⋮	⋮	⋮	⋮
IK 1	.....	Key A	0
⋮	⋮	⋮	⋮
IK 7	.....	Key D	0
IK 8	.....	Key D	0
⋮	⋮	⋮	⋮
IK 16	.....	Key H	0

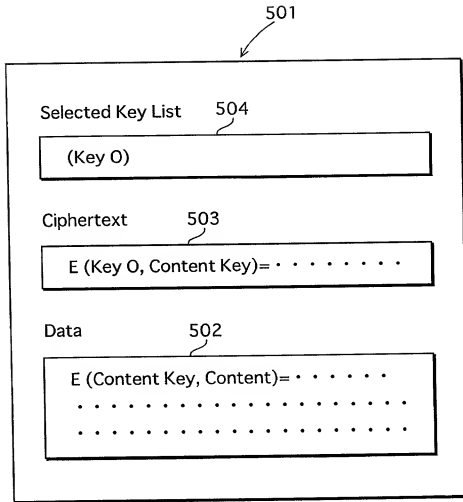
10044931.124401

FIG. 4

Key Management Information 401

302 Key ID	303 Key Data	304 Parent Key ID	305 Key State
Key O	.....	11...11	-1
Key M	.....	Key O	-1
Key N	.....	Key O	1
Key I	.....	Key M	1
Key J	.....	Key M	-1
Key K	.....	Key N	0
⋮	⋮	⋮	⋮
Key A	.....	Key I	0
Key B	.....	Key I	0
Key C	.....	Key J	1
Key D	.....	Key J	-1
⋮	⋮	⋮	⋮
IK 1	.....	Key A	0
⋮	⋮	⋮	⋮
IK 7	.....	Key D	-1
IK 8	.....	Key D	1
⋮	⋮	⋮	⋮
IK 16	.....	Key H	0

FIG.5



10014932.121493

FIG.6

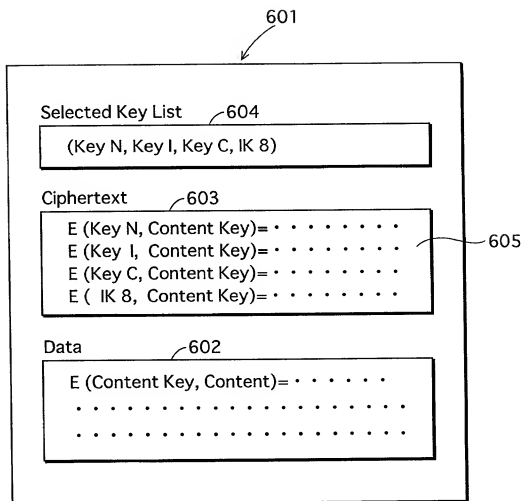


FIG.7

Key Information 701

Key ID	Key Data
IK 1	. . . . .
Key A	. . . . .
Key I	. . . . .
Key M	. . . . .
Key O	. . . . .

FIG. 8

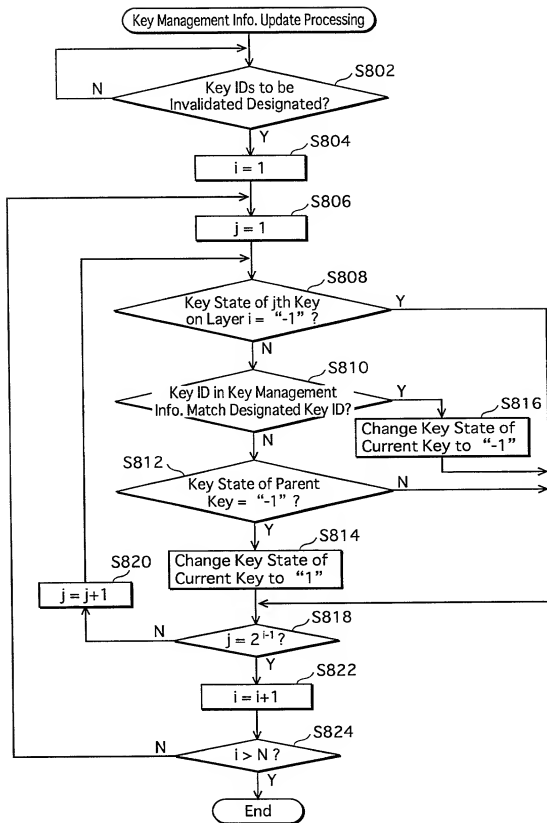




Fig.9

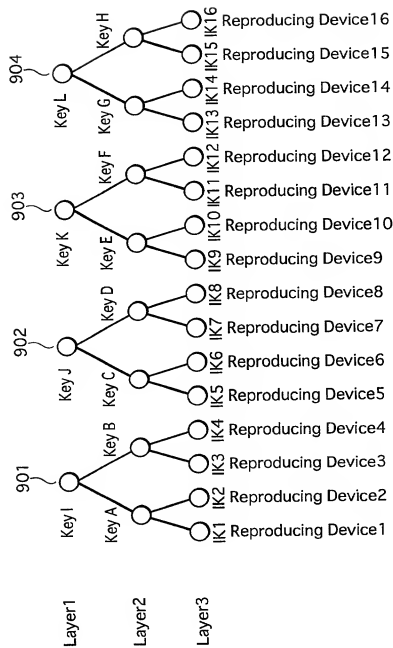


FIG.10

Key Management Information 1001

1002 Key ID	1003 Key Data	1004 Parent Key ID	1005 Key State
Key I	.....	11...11	1
Key A	.....	Key I	0
Key B	.....	Key I	0
IK 1	.....	Key A	0
IK 2	.....	Key A	0
IK 3	.....	Key B	0
IK 4	.....	Key B	0
Key J	.....	11...11	1
Key C	.....	Key J	0
Key D	.....	Key J	0
IK 5	.....	Key C	0
IK 6	.....	Key C	0
IK 7	.....	Key D	0
IK 8	.....	Key D	0
Key K	.....	11...11	1
Key E	.....	Key K	0
⋮	⋮	⋮	⋮
IK 12	.....	Key F	0
Key L	.....	11...11	1
⋮	⋮	⋮	⋮
IK 16	.....	Key H	0

FIG.11

Comparison Table 1101

1102 No. of Tree Structures	1103 No. of Keys	1104 No. of Reproducing Devices Misused	1105 No. of Selected Keys = No. of Ciphertexts	1106 No. of Keys Assigned to One Reproducing Device
1	31	0	1	5
		1	4	
		2	6	
2	30	0	2	4
		1	4	
		2	6	
4	28	0	4	3
		1	5	
		2	6	
8	24	0	8	2
		1	8	
		2	8	

10014912.1-21401

Fig.12

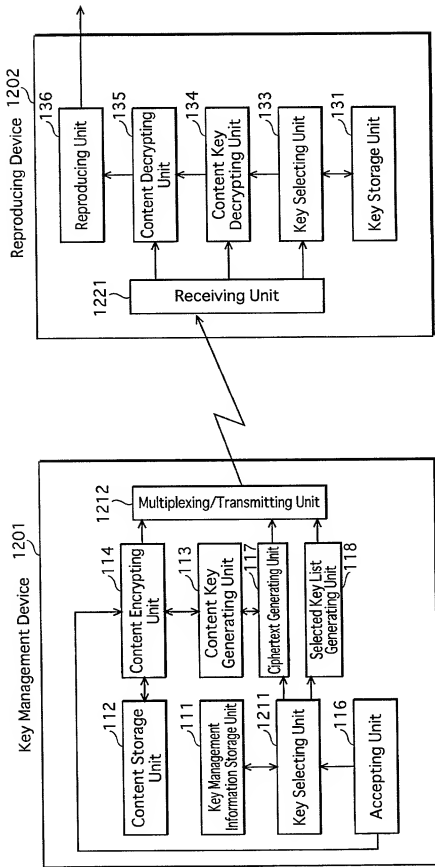


FIG.13

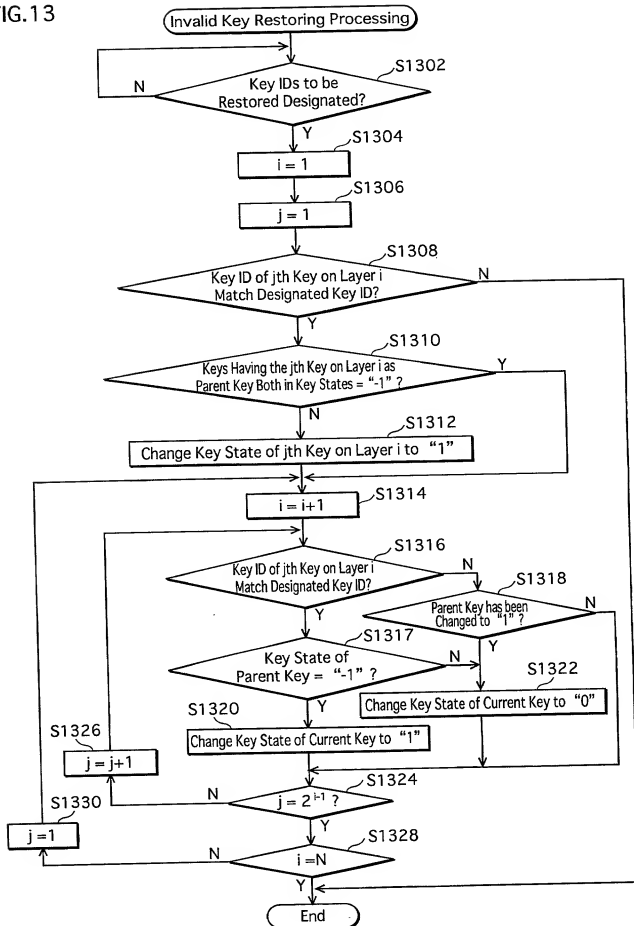


Fig.14

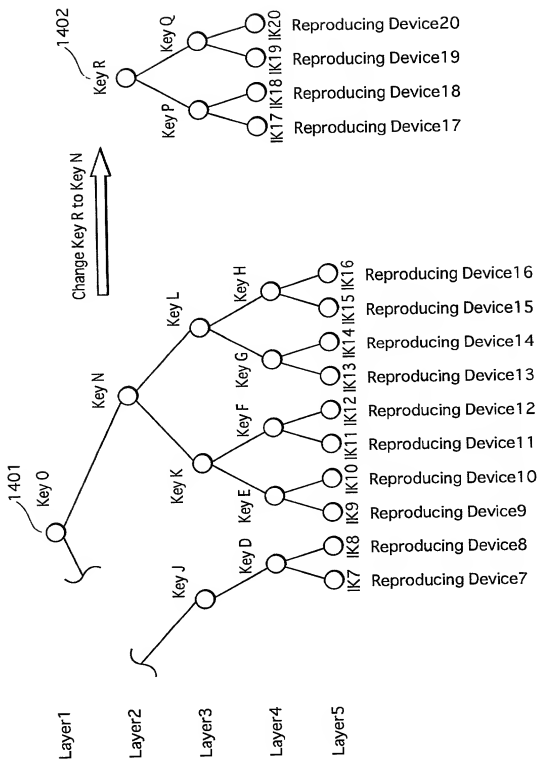


Fig.15

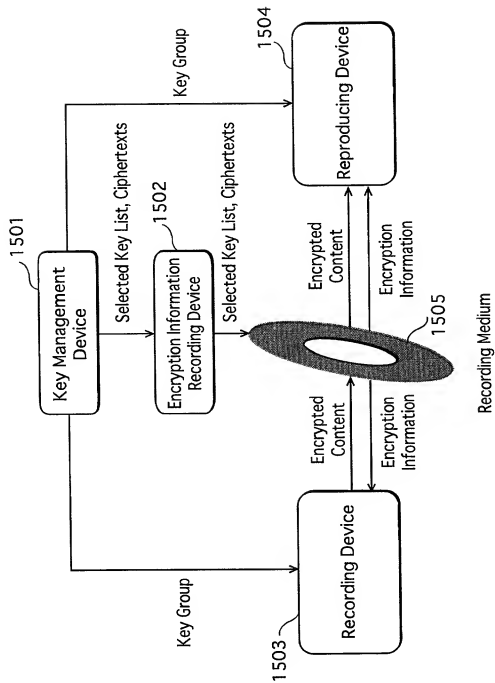


Fig.16

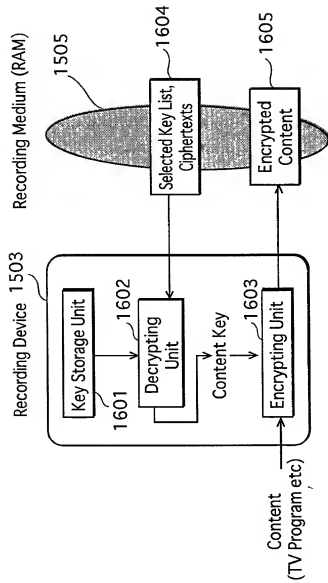




Fig.17

